

Cradle of Humankind



Learn



Connect



Grow



Explore

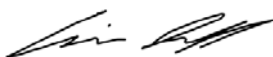
Welcome to the second Ubuntu Proteomics Summer School!

As the school enters its' second year we would like to thank:

- Our sponsors for making this a possibility, in particular DIPLOMICS, through their valued financial contributions,
- Our facilitators for donating their time to be here and support the learning and networking experience,
- Our attendees for choosing this event as an opportunity to learn and grow from,
- And last but not least, our organising committee (you can find them on the website) and our logistics partner (MagicMonkey Productions) for putting in their time and efforts to pull off what we know will be a week to remember.



We urge you to continue the spirit of the school by learning, connecting, growing and exploring. I will leave you with two sound bites that resonated with me from the first school from Molati Nonyane, "I know we expected people to come here from overseas and provide us with knowledge but I am more convinced now after this week that we have given them more to take back with them" and Kathryn Lilley, "In 20 years' time, many people at this school are going to look back on long careers and think to themselves - this school is where it all started for me".

On behalf of the organising committee we are excited to see the journey continue.



Liam Bell, PhD
OBO ORGANIZING COMMITTEE




Sunday 4 February 2024

14:00 -16:00	Check-in & Registration
15:00 -16:00	 Facilitator & Sponsor update VENUE: ROYAL CLANSMAN
16:00 -17:00	Snacks & Refreshments
17:00 -18:00	Official Welcome & Opening LIAM BELL  VENUE: ROYAL CLANSMAN
18:00 -18:30	The Cradle and its' significance JONAH CHOINIERE
18:30 -19:00	Paleoproteomics JESPER V OLSEN
19:30	Dinner





Monday 5 February 2024

TIME	TRACK 1 - CONCEPTS VENUE: ROYAL CLANSMAN	TRACK 2 - APPLICATIONS VENUE: GREENWELLS GLORY
7:00 - 8:30	Breakfast	
9:00 - 10:30	Proteomics intro + Quantitative LCMS proteomics methods (Part I) UTE DISTLER	Pros / Cons of relative quantitation approaches BERNHARD KUSTER
10:30 - 11:00	Tea Break	
11:00 - 12:30	Quantitative LCMS proteomics methods (Part II, covers PTMs) ALLAN STENSALLE	DIA focus JESPER V OLSEN
12:30 - 13:30	Lunch	
13:30 - 14:00	O-link technology introduction OLE MESSING	
14:00 - 15:30	Sample collection & preparation basics UTE DISTLER & STOYAN STOYCHEV	Discovery to verification, (MS and Non-MS approaches) ALLAN STENSALLE & O-LINK
15:30 - 16:00	Tea Break	
16:00 - 17:00	Round Table discussions (Meet the experts format)	
17:00 - 18:30	Career journey session LINDSAY PINO, FLORIAN MEIER, LARS JUHL JENSEN	
18:30	Welcome Drinks SPONSORED BY  &  RESYN BIOSCIENCES  VENUE: RIVERLAPA	
19:30	 Dinner - Traditional Braai VENUE: RIVER LAPA	

Tuesday 6 February 2024

TIME	TRACK 1 - CONCEPTS VENUE: ROYAL CLANSMAN	TRACK 2 - APPLICATIONS VENUE: GREENWELLS GLORY
5:30 - 8:00	<p style="text-align: center;">Facilitated Trail Walk</p> <p style="text-align: center;">  SPONSORED BY ACGT STARTING POINT BY THE RIVERLAPA </p> <p style="text-align: right;">  </p>	
7:00 - 8:30	Breakfast	
9:00 - 10:30	Peptide and protein identification (Part I) BERNHARD KUSTER	Case Study, Ion Mobility Mass Spectrometry (Part I) UTE DISTLER & FLORIAN MEIER
10:30 - 11:00	Tea Break	
11:00 - 12:30	Peptide and protein identification (Part II) LARS JUHL JENSEN	Case Study, Ion Mobility Mass Spectrometry (Part II) UTE DISTLER & FLORIAN MEIER
12:30 - 13:30	Lunch	
13:30 - 14:00	Biognosys technology introduction MONIKA PUCHALSKA	
14:00 - 15:30	Peptide quantification BRIAN SEARLE	Case study: PTM focus JESPER V OLSEN & KRISTINA EMDAL
15:30 - 16:00	Tea Break	
16:00 - 17:00	Round Table discussions (Meet the experts format)	
17:00 - 18:00	Technology workshop: A case study for translational proteomics: From discovery to clinical study in the Targeted Protein Degradation (TPD) space JAKOB VOWINCKEL (BIOGNOSYS)	
18:30 - 19:30	 Poster Session	
19:30	Dinner	
20:30	Poster Session continued	


Wednesday 7 February 2024

TIME	TRACK 1 - CONCEPTS VENUE: ROYAL CLANSMAN	TRACK 2 - APPLICATIONS VENUE: GREENWELLS GLORY
7:00 - 8:30	Breakfast	
9:00 - 10:30	Interpreting bottom-up proteomics data visualizations FLORIAN MEIER	Case Study: Focus on DIA data quality part I LINDSAY PINO & BRIAN SEARLE
10:30 - 11:00	Tea Break	
11:00 - 12:30	Focus on chromatography BERNHARD KUSTER	Case Study: Focus on DIA data quality part II LINDSAY PINO & BRIAN SEARLE
12:30 - 13:30	Lunch	
13:30 - 14:00	Bruker technology introduction VALERIA KUZYK	
14:00 - 17:00	Team Building Activity	
18:30	Welcome Drinks & Live music SPONSORED BY  &  RESYN BIOSCIENCES  VENUE: GLENPALMS	
19:30	 Beach Party Themed Dinner VENUE: GLENPALMS	

Thursday 8 February 2024

TIME	TRACK 1 - CONCEPTS VENUE: ROYAL CLANSMAN	TRACK 2 - APPLICATIONS VENUE: GREENWELLS GLORY
7:00 - 8:30	Breakfast	
9:00 - 10:30	Quality control for proteomics LINDSAY PINO	directDIA: A robust proteome identification and quantification with Spectronaut MONIKA PUCHALSKA
10:30 - 11:00	Tea break	
11:00 - 12:30	Functional data annotation tips, tricks & pitfalls LARS JUHL JENSEN	
12:30 - 13:30	Lunch	
13:30 - 14:00	Sciex technology introduction VOLKER KRUFFT	
14:00 - 15:30	Experimental Design/Biostatistics DEVON KOHLER	
15:30 - 16:00	Tea Break	
16:00 - 17:00	Round Table discussions (Meet the experts format)	
17:00 - 18:00	Technology focussed Technical workshop RESYN BIO/EVOSEP	
18:30 - 19:30	 Poster Session TERRACE	
19:30	Dinner	
20:30	Poster Session continued TERRACE	

Friday 9 February 2024

TIME	 COMBINED SESSION VENUE: ROYAL CLANSMAN
7:00 - 8:00	Breakfast
8:00 - 9:30	Experimental Design/Biostatistics, tutorial DEVON KOHLER
9:30 - 10:00	Tea Break
10:00 - 11:30	Case Study: Functional annotation (Cytoscape hands-on) LARS JUHL JENSEN
11:30 - 12:30	Closing lecture BERNHARD KUSTER
12:30 - 13:30	Lunch
	Various shuttles to the airport (transportation to be pre-booked)
13:30 - 18:00	Optional Delegate Experience Bothongo Rhino & Lion Nature Reserve Guided Cave Tour 2 hour Game Drive Pick up at 13h30 BOOKINGS ARE ESSENTIAL Not included in student registration fees At own expense
19:00	Dinner

OPTIONAL DELEGATE EXPERIENCE AT THE

Bothongo Rhino & Lion Nature Reserve

Join us for an afternoon guided cave tour of the Bothongo Wonder Cave, followed by a game drive at the Bothongo Rhino & Lion Nature Reserve which is situated in the Cradle of Humankind World Heritage Site.



This Natural Wonder is 5-10 million years old. The cave was discovered by Italian miners in 1898. Mining was stopped in 1902 due to the outbreak of war and low productivity. This is the 3rd largest chamber in South Africa, the largest being Congo Caves and second largest Sudwala Caves.



With over 600 head of game, the park is the perfect setting for admiring nature on your doorstep. More than 30 species of game, including three of the big five, can be viewed from open game drive vehicles in the presence of an experienced SATOUR-registered guide. These include the Kruger Lion, White Rhino and Buffalo.



THE EXPERIENCE IS SCHEDULED ON:
Friday 9th February
13h30 to 18h00



Pick up at Glenburn Lodge & Spa at 13h30. Guided cave tour at 14h00, followed by a 2 hour game drive from 15h00 to 17h00

Cost is R990 per person and payable in cash or by card (visa or mastercard).

Please note that bookings are essential by Tuesday 6th February the latest. Contact Kelly for bookings.

OPTIONAL DELEGATE EXTRA

Hot Air Balloon Experience

Join us for a once in a lifetime hot air balloon sunrise experience.



The Hot Air Balloon Experience offers guests the serene beauty of floating gently over the Cradle of Humankind, while sipping on champagne and orange juice, as the pilot allows the hot air balloon at times to drift at tree top height and at other times will ascend into the skies, offering guests a panoramic view of the beautiful African landscape below.

AirVentures Hot Air Ballooning is the proud recipient of eight tourism awards, and they add further value to your experience by employing FGASA (Field Guides Association of South Africa) qualified pilots and staff. Their knowledge of the environment will ensure that your time spent is informative, as well as exciting and fun! Their primary balloon fleet was designed as a tribute to an African sunrise, with the warmth of the colour spectrum reflected in the use of reds, oranges and yellows. The intricate pattern used for the balloon “envelope” incorporates the geometric design of tribal artwork, and are woven in the traditional manner.

They are the only balloon operator to launch balloons centrally within the Cradle of Humankind, and to offer a flight experience within the 53 000 hectare world heritage site. Proclaimed a world heritage site in 1998, this protected area is predominately made up of large private game reserves, it contains 13 fossil sites, and has over one third of all hominid fossil finds in the world. With minimal human impact, this area is a true wilderness gem to fly in.

BOOKINGS ARE ESSENTIAL AND WEATHER DEPENDANT.

Cost is R3 300 per person and R500 for pick up and drop off. Total of R3 800 per person.

04h30 to 08h30 any day of the week

Please contact Kelly to make a booking or for more information.

Sponsors

Thank you to our valued co-sponsors for making this event happen

DIPLOMICS

CONNECTING RESEARCHERS & WORLD CLASS OMICS FACILITIES



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**Glenburn
Lodge & Spa**

RECEPTION

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Map





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